Contents

Abramsky O → Ovadia H
Ahmed B: Orientation bias of cat retinal ganglion cells: a reassessment 182
Albus K → Pinilla-Morillo M-J
Aldskogius H → Wiesenfeld-Hallin Z
Alexandrov AA → Batuev AS
Alyea CJ → Chang AC
Andén M → Meister B
Andén N-E → Meister B
Arata A → Onimaru H
Ashby P → Bayoumi A

Baimbridge KG → Mudrick LA
Baldino F Jr → Gutnick MJ
Baldino F Jr → Wolfson B
Barak V → Ovadia H
Barbaresi P → Manzoni T
Barnes CA → McNaughton BL
Batuev AS, Alexandrov AA, Scheynikov NA, Kcharazia VN, Chan Chinh An: The role of inhibitory processes in the formation of functional properties of neurons in vibrissal projection zone of the cat somatosensory cortex 198
Bauer R, Dow BM: Complementary global maps for orientation coding in upper and lower layers of the monkey's foveal striate cortex 503
Baylis GC → Rolls ET
Bayoumi A, Ashby P: Projections of group Ia afferents to motoneurons of thigh muscles in man 223
Belhage B → Bouchelouche P
Björklund A → Forni C
Björklund A → Kalén P
Björklund A → Widner H
Bonner TI → Romano GJ
Bouchelouche P, Belhage B, Frandsen A, Drejer J, Schousboe A: Glutamate receptor activation in cultured cerebellar granule cells increases cytosolic free Ca^{2+} by mobilization of cellular Ca^{2+} and activation of Ca^{2+} influx 281
Bras H, Cavallari P, Jankowska E, McCrea D: Comparison of effects of monoamines on transmission in spinal pathways from group I and II muscle afferents in the cat 27
Brundin P → Forni C
Brundin P → Widner H
Buzsáki G, Wiesner J, Henriksen SJ, Gage FH: Long-term potentiation of evoked and spontaneous neuronal activity in the grafted hippocampus 401

Cavallari P → Bras H
Ceccatelli S → Meister B
Chan Chinh An → Batuev AS
Chang AC, Triarhou LC, Alyea CJ, Low WC, Ghetti B: Developmental expression of polypeptide PEP-19 in cerebellar cell suspensions transplanted into the cerebellum of *pcd* mutant mice 639
Chelazzi L → Rossi F
Conforti N → Ovadia H
Conti F → Manzoni T
Crammond DJ, Kalaska JF: Neuronal activity in primate parietal cortex area 5 varies with intended movement direction during an instructed-delay period 458
Csillik B → Ferencsik M
Currie JN → Petersen SE

Dassonville P → Schlag J
De Tribolet N → Hornung J-P
Dean JB, Lawing WL, Millhorn DE: CO_2 decreases membrane conductance and depolarizes neurons in the nucleus tractus solitarii 656
Demêmes D → Touati J
Denier van der Gon JJ → Tax AAM
Dinopoulos A, Eadie LA, Dori I, Parnavelas JG: The development of basal forebrain projections to the rat visual cortex 563
Dori I, Parnavelas JG: The cholinergic innervation of the rat cerebral cortex shows two distinct phases in development 417
Dori I → Dinopoulos A
Dow BM → Bauer R
Drejer J → Bouchelouche P
Dreosti IE → Mackay-Sim A
Durand J: Electrophysiological and morphological properties of rat abducens motoneurons 141

Eadie LA → Dinopoulos A
El Ganouni S → Forni C
El Mansari M, Sakai K, Jouvet M: Unitary characteristics of presumptive cholinergic tegmental neurons during the sleep-waking cycle in freely moving cats 519
Emson PC → Hendry SHC
Erratum 250, 662
Esclapez M, Trottier S: Changes in GABA-immunoreactive cell density during motor focal epilepsy induced by cobalt in the rat 369
Eysel UT → Wörgötter F

Fabri M → Manzoni T
Ferencsik M, Garay K, Mihály A, Csillik B: Cobalt-complex ATP enhanced regeneration in the dorsal horn of the rat spinal cord 409
Forni C, Brundin P, Strecker RE, El Ganouni S, Björklund A, Nieoullon A: Time-course of recovery of dopamine neuron activity during reinnervation of the denervated striatum by fetal mesencephalic grafts as assessed by in vivo voltammetry 75
Frandsen A → Bouchelouche P
Funke K: Somatosensory areas in the telencephalon of the pigeon. I. Response characteristics 603
Funke K: Somatosensory areas in the telencephalon of the pigeon. II. Spinal pathways and afferent connections 620
Furuya S → Nakayama T
Fuster JM → Koch KW

Gabriel M, Sparenborg S, Kubota Y: Anterior and medial thalamic lesions, discriminative avoidance learning, and cingulate cortical neuronal activity in rabbits 441
Gaffan D → Ungerleider LG
Gage FH → Buzsáki G
Garay K → Ferencsik M
Gash DM → Notter MFD
Gerilovsky L, Tsvetinov P, Trenkova G: Peripheral effects on the amplitude of monopolar and bipolar H-reflex potentials from the soleus muscle 173
Ghetti B → Chang AC
Gielen CCAM → Tax AAM
Guerné Y → Moos F
Gutnick MJ, Wolfson B, Baldino F Jr: Synchronized neuronal activities in neocortical explant cultures 131
Gutnick MJ → Wolfson B

Hannam AG → McMillan AS
Hansen JT → Notter MFD
Hasan Z, Karst GM: Muscle activity for initiation of planar, two-joint arm movements in different directions 651
Hasselmo ME → Rolls ET
Heizmann CW → Hendry SHC
Hendry SHC, Jones EG, Emson PC, Lawson DEM, Heizmann CW, Streit P: Two classes of cortical GABA neurons defined by differential calcium binding protein immunoreactivities 467
Henriksen SJ → Buzsáki G
Higuchi T → Honda K
Hökfelt T → Meister B
Homma I → Onimaru H
Honda K, Negoro H, Higuchi T, Tadokoro Y: The role of the anteroventral 3rd ventricle area in the osmotic control of paraventricular neurosecretory cells 497
Hornung J-P, Törk I, De Tribolet N: Morphology of tyrosine hydroxylase-immunoreactive neurons in the human cerebral cortex 12

Inoue T → Morimoto T

Jankowska E → Bras H
Jones EG → Hendry SHC
Jones MW, Kilpatrick IC, Phillipson OT: Regulation of dopamine function in the nucleus accumbens of the rat by the thalamic paraventricular nucleus and adjacent midline nuclei 572
Jouvet M → El Mansari M

Kalaska JF → Crammond DJ
Kalén P, Lindvall O, Björklund A: Electrical stimulation of the lateral habenula increases hippocampal noradrenaline release as monitored by in vivo microdialysis 239
Karst GM → Hasan Z
Kcharazia VN → Batuev AS
Kilpatrick IC → Jones MW
Kinnman E → Wiesenfeld-Hallin Z
Kitamura R → Yamamoto T
Kiyomitsu Y → Yamamoto T
Koch KW, Fuster JM: Unit activity in monkey parietal cortex related to haptic perception and temporary memory 292
Kubota Y → Gabriel M

Lawing WL → Dean JB
Lawson DEM → Hendry SHC
Levine-Bryce D → Powell DA
Lindvall O → Kalén P
Loring JF → Strecker RE
Low WC → Chang AC
Lustgarten M → Wyatt HJ

Mackay-Sim A, Dreosti IE: Olfactory function in zinc-deficient adult mice 207
Maekawa K → Takeda T
Manzoni T, Barbaresi P, Conti F, Fabri M: The callosal connections of the primary somatosensory cortex and the neural bases of midline fusion 251
Masuda Y → Morimoto T
Matsuo R → Yamamoto T
McCrea D → Bras H
McMillan AS, Hannam AG: Reflex inhibition in single motor units of the human lateral pterygoid muscle 97
McNaughton BL, Barnes CA, Meltzer J, Sutherland RJ: Hippocampal granule cells are necessary for normal spatial learning but not for spatially-selective pyramidal cell discharge 485
Meister B, Ceccatelli S, Hökfelt T, Andén N-E, Andén M, Theodorsson E: Neurotransmitters, neuropeptides and binding sites in the rat mediobasal hypothalamus: effects of monosodium glutamate (MSG) lesions 343
Meltzer J → McNaughton BL
Meunier S, Morin C: Changes in presynaptic inhibition of Ia fibres to soleus motoneurones during voluntary dorsiflexion of the foot 510
Miao R → Strecker RE
Mihály A → Ferencsik M
Millhorn DE → Dean JB
Möller E → Widner H
Mooney RD → Rhoades RW
Moos F, Poulain DA, Rodriguez F, Guerné Y, Vincent J-D, Richard P: Release of oxytocin within the supraoptic nucleus during the milk ejection reflex in rats 593
Morimoto T, Inoue T, Masuda Y, Nagashima T: Sensory components facilitating jaw-closing muscle activities in the rabbit 424
Morin C → Meunier S
Mudrick LA, Baimbridge KG, Peet MJ: Hippocampal neurons transplanted into ischemically lesioned hippocampus: electroresponsiveness and reestablishment of circuitries 333

Nagashima T → Morimoto T
Nakayama T, Furuya S: Monensin induces distortion of optic nerve crossing at the chick embryo chiasm 559
Nalwa V → Rolls ET
Negoro H → Honda K
Nieoullon A → Forni C
Notter MFD, Hansen JT, Okawara S, Gash DM: Rodent and primate adrenal medullary cells in vitro: phenotypic plasticity in response to coculture with C_6 glioma cells of NGF 38

Okawara S → Notter MFD
Onimaru H, Arata A, Homma I: Firing properties of respiratory rhythm generating neurons in the absence of synaptic transmission in rat medulla in vitro 530
Ovadia H, Abramsky O, Barak V, Conforti N, Saphier D, Weidenfeld J: Effect of interleukin-1 on adrenocortical activity in intact and hypothalamic deafferentated male rats 246

Parnavelas JG → Dinopoulos A
Parnavelas JG → Dori I
Peet MJ → Mudrick LA
Pelak VS → Ungerleider LG
Petersen SE, Robinson DL, Currie JN: Influences of lesions of parietal cortex on visual spatial attention in humans 267
Pfaff DW → Romano GJ
Phillips J → Stelmach GE
Phillipson OT → Jones MW
Pinilla-Morillo M-J, Sanides D, Albus K: A long term study of axonal transport in the central visual system following eye enucleation in the adult cat 463
Pola J → Wyatt HJ
Poulain DA → Moos F
Powell DA, Levine-Bryce D: Conditioned bradycardia in the rabbit: effects of knife cuts and ibotenic acid lesions in the lateral hypothalamus 103

Raymond J → Touati J
Rhoades RW, Rohrer WH, Mooney RD, Ruiz S: The orientation of horizontal cell dendrites in the superior colliculus of the hamster: an analysis based on three-dimensional reconstruction of intracellularly injected neurons 229
Ribot E → Roll JP
Richard P → Moos F
Robinson DL → Petersen SE
Rodriguez F → Moos F
Rohrer WH → Rhoades RW
Roll JP, Vedel JP, Ribot E: Alteration of proprioceptive messages induced by tendon vibration in man: a microneurographic study 213
Rolls ET, Baylis GC, Hasselmo ME, Nalwa V: The effect of learning on the face selective responses of neurons in the cortex in the superior temporal sulcus of the monkey 153
Romano GJ, Bonner TI, Pfaff DW: Preprotachykinin gene expression in the mediobasal hypothalamus of estrogen-treated and ovariectomized control rats 21
Rossi F, Chelazzi L, Tempia F, Strata P: Effects of ethanol and imidazobenzodiazepine Ro 15-4513 on spontaneous saccades of the pigmented rat 1
Ruiz S → Rhoades RW

Sakai K → El Mansari M
Sanides D → Pinilla-Morillo M-J
Saphier D → Ovadia H
Scheynikov NA → Batuev AS
Schlag J, Schlag-Rey M, Dassonville P: Interactions between natural and electrically evoked saccades. II. At what time is eye position sampled as a reference for the localization of a target? 548
Schlag J → Schlag-Rey M
Schlag-Rey M, Schlag J, Shook B: Interactions between natural and electrically evoked saccades. I. Differences between sites carrying retinal error and motor error signals in monkey superior colliculus 537
Schlag-Rey M → Schlag J
Schousboe A → Bouchelouche P
Shook B → Schlag-Rey M
Smit AC, Van Gisbergen JAM: A short-latency transition in saccade dynamics during square-wave tracking and its significance for the differentiation of visually-guided and predictive saccades 64
Sparenborg S → Gabriel M
Stelmach GE, Teasdale N, Phillips J, Worringham CJ: Force production characteristics in Parkinson's disease 165
Strata P → Rossi F
Strecker RE, Miao R, Loring JF: Survival and function of aggregate cultures of rat fetal dopamine neurons grafted in a rat model of Parkinson's disease 315
Strecker RE → Forni C
Streit P → Hendry SHC
Sutherland RJ → McNaughton BL

Tadokoro Y → Honda K
Takeda T, Maekawa K: Olivary branching projections to the flocculus, nodulus, and uvula in the rabbit. II. Retrograde double labeling study with fluorescent dyes 323
Tanaka J: Involvement of the median preoptic nucleus in the regulation of paraventricular vasopressin neurons by the subfornical organ in the rat 47
Tax AAM, Denier van der Gon JJ, Gielen CCAM, Tempel CMM van den: Differences in the activation of m. biceps bra-

chii in the control of slow isotonic movements and isometric contractions 55
Teasdale N → Stelmach GE
Tempel CMM van den → Tax AAM
Tempia F → Rossi F
Theodorsson E → Meister B
Törk I → Hornung J-P
Touati J, Raymond J, Demêmes D: Quantitative autoradiographic characterization of L[^{3}H] glutamate binding sites in rat vestibular nculei 646
Trenkova G → Gerilovsky L
Triarhou LC → Chang AC
Trottier S → Esclapez M
Tsvetinov P → Gerilovsky L

Ungerleider LG, Gaffan D, Pelak VS: Projections from inferior temporal cortex to prefrontal cortex via the uncinate fascicle in rhesus monkeys 473

Van Gisbergen JAM → Smit AC
Vedel JP → Roll JP
Vincent J-D → Moos F

Weidenfeld J → Ovadia H
Widner H, Brundin P, Björklund A, Möller E: Survival and immunogenicity of dissociated allogeneic fetal neural dopamine-rich grafts when implanted into the brains of adult mice 187
Wiesenfeld-Hallin Z, Kinnman E, Aldskogius H: Expansion of innervation territory by afferents involved in plasma extravasation after nerve regeneration in adult and neonatal rats 88
Wiesner J → Buzsáki G
Wolfson B, Gutnick MJ, Baldino F Jr: Electrophysiological characteristics of neurons in neocortical explant cultures 122
Wolfson B → Gutnick MJ
Wörgötter F, Eysel UT: Axis of preferred motion is a function of bar length in visual cortical receptive fields 307
Worringham CJ → Stelmach GE
Wyatt HJ, Pola J, Lustgarten M: The oculomotor "twitch" a transient response to target motion 581

Yamamoto T, Matsuo R, Kiyomitsu Y, Kitamura R: Sensory and motor responses of trigeminal and reticular neurons during ingestive behavior in rats 386